

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Canceled):

Claim 2 (Currently Amended): A magnetic disk drive as claimed in claim 1 comprising:

a magnetic disk;
a spindle motor for rotating said magnetic disk;
a magnetic head slider for recording or reproducing data onto or from said magnetic disk;
a housing;
a control circuit system for controlling said head slider so that said head slider is positioned on a magnetic disk plane when said magnetic disk is rotating, and said head slider is saved to outside the magnetic disk plane when rotation of said magnetic disk is stopped; and
lubricant supply means for supplying lubricant to the surface of said magnetic disk;
wherein said lubricant supply means contains at least a perfluoropolyether compound having any one of an alcohol group, a cyclic ether group, and an alkyl-ester group at its terminal position as a lubricant, and said lubricant contains said perfluoropolyether compound having a molecular weight sufficient to enable lubrication and no greater than 4000, and

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wherein said lubricant supply means is at least one of a suspension applied with said lubricant and an arm applied with said lubricant.

Claim 3 (Canceled):

Claim 4 (Currently Amended): A magnetic disk drive as-claimed in claim 3 comprising:

a magnetic disk;
a spindle motor for rotating said magnetic disk;
a magnetic head slider for recording or reproducing data onto or from said magnetic disk;
a housing;
a control circuit system for controlling said head slider so that said head slider is positioned on a magnetic disk plane when said magnetic disk is rotating, and said head slider is saved to outside the magnetic disk plane when rotation of said magnetic disk is stopped; and
lubricant supply means for supplying lubricant to the surface of said magnetic disk;
wherein said lubricant supply means contains at least a perfluoropolyether compound having any one of an alcohol group, a cyclic ether group, and an alkyl-ester group at its terminal position as a lubricant, said lubricant containing said perfluoropolyether compound having a molecular weight sufficient to enable lubrication and no greater than 4000.

wherein said lubricant supply means includes lubricant holding means for holding said lubricant, and

wherein said lubricant holding means is a filter impregnated with said perfluoropolyetherperfluoropolyether compound by at least 0.5 μ -liter.

Claim 5 (Currently Amended): A magnetic disk drive as claimed in claim 3 comprising:

a magnetic disk;

a spindle motor for rotating said magnetic disk;

a magnetic head slider for recording or reproducing data onto or from said magnetic disk;

a housing;

a control circuit system for controlling said head slider so that said head slider is positioned on a magnetic disk plane when said magnetic disk is rotating, and said head slider is saved to outside the magnetic disk plane when rotation of said magnetic disk is stopped; and

lubricant supply means for supplying lubricant to the surface of said magnetic disk;

wherein said lubricant supply means contains at least a perfluoropolyether compound having any one of an alcohol group, a cyclic ether group, and an alkyl-ester group at its terminal position as a lubricant, said lubricant containing said perfluoropolyether compound having a molecular weight sufficient to enable lubrication and no greater than 4000.

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wherein said lubricant supply means includes lubricant holding means for holding said lubricant, and

wherein said lubricant holding means is a filter impregnated with said perfluoropolyether compound having any one of an alcohol group, a cyclic ether group, and an alkyl-ester group at its terminal position by at least 0.15 μ -liter, characterized in having scarce smears on a levitated plane of said magnetic head slider.

Claims 6-12 (Canceled):

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